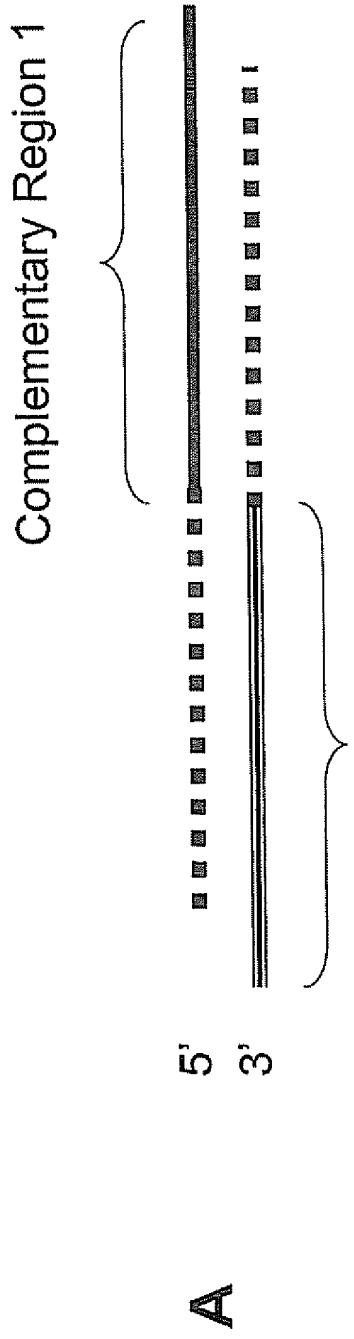
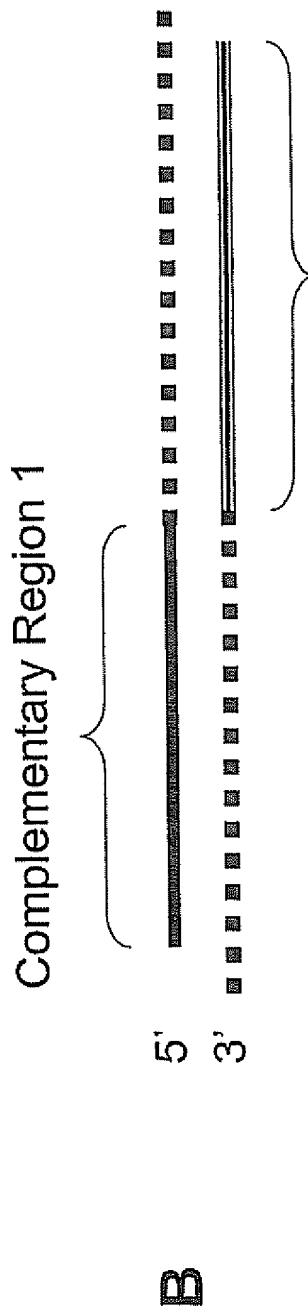


Figure 1: Examples of double stranded multifunctional siNA constructs with distinct complementary regions



Complementary Region 2



Complementary Region 2

Figure 2: Examples of hairpin multifunctional siNA constructs with distinct complementary regions

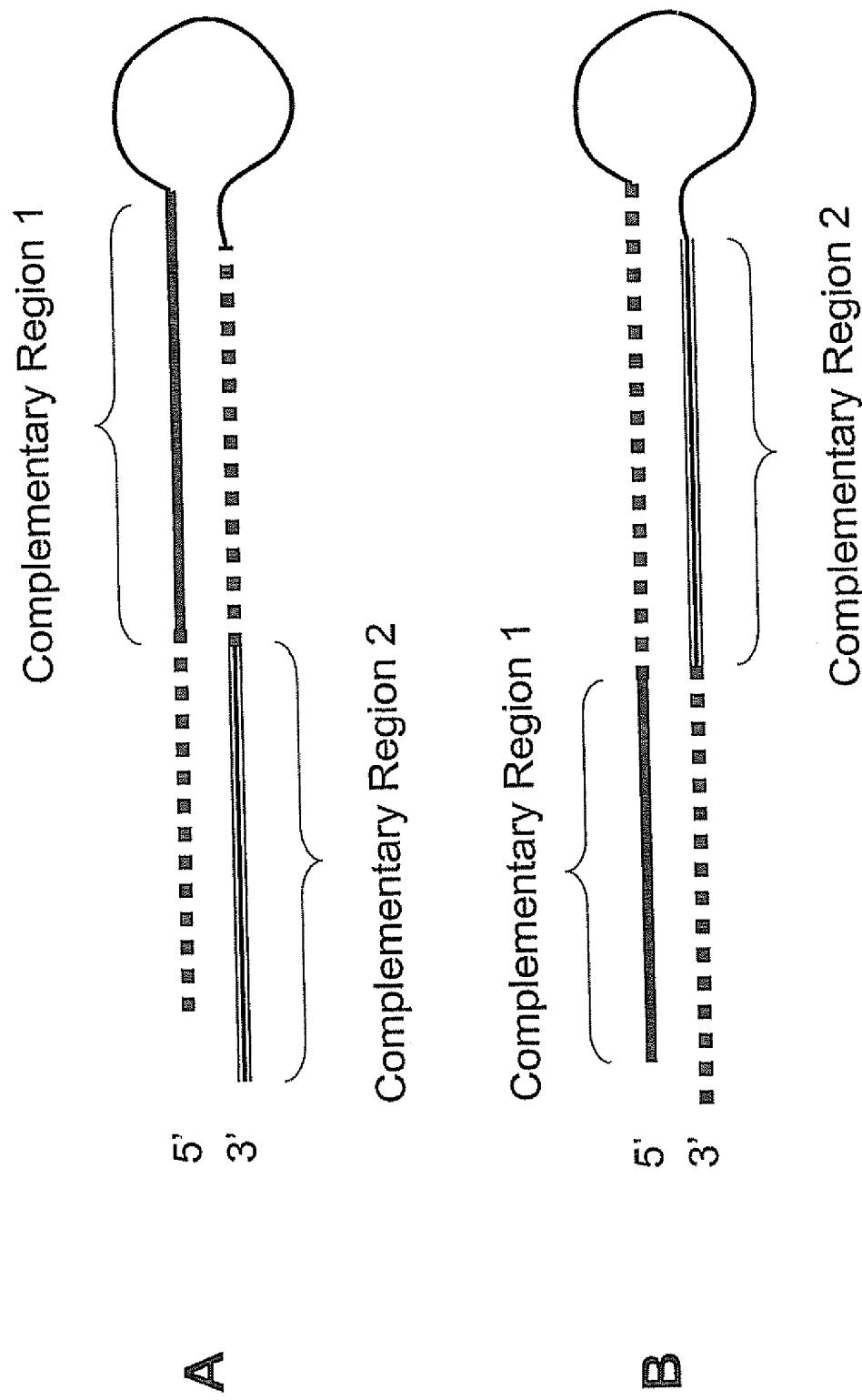


Figure 3: Examples of double stranded multifunctional siNA constructs with distinct complementary regions and a self complementary/palindrome region

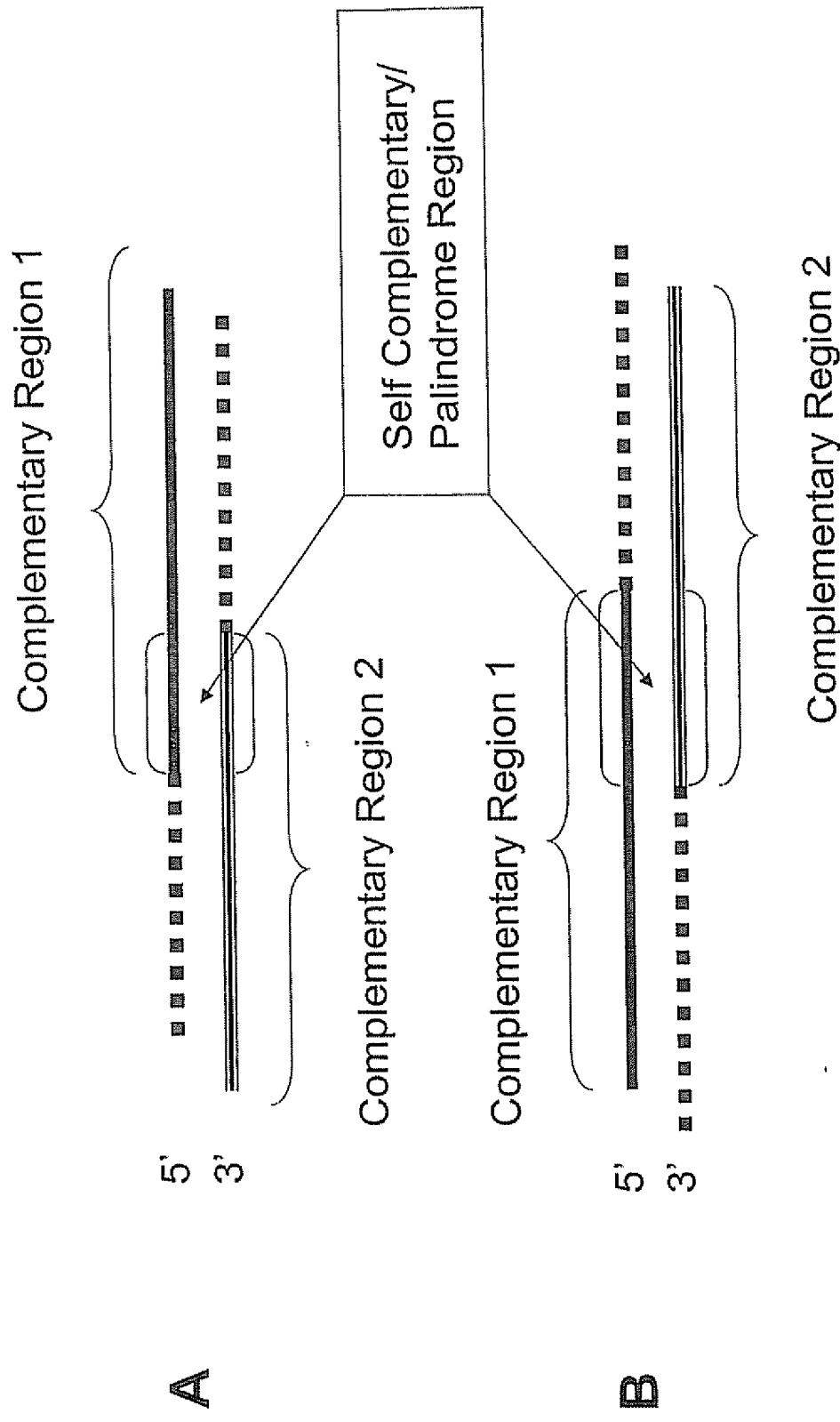


Figure 4: Examples of hairpin multifunctional siNA constructs with distinct complementary regions and a self complementary/palindrome region

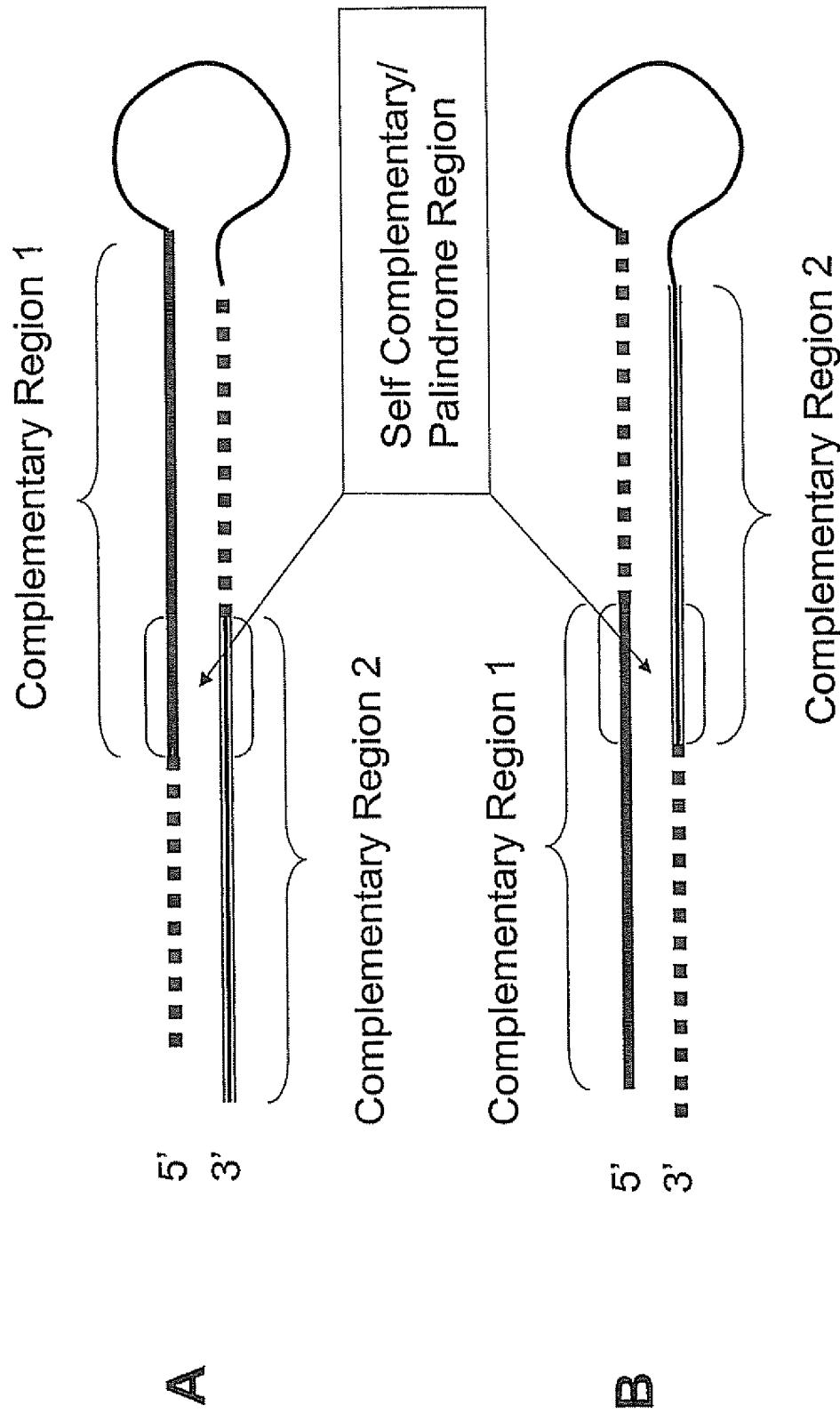


Figure 5: Example of multifunctional siRNA targeting two separate Target nucleic acid sequences

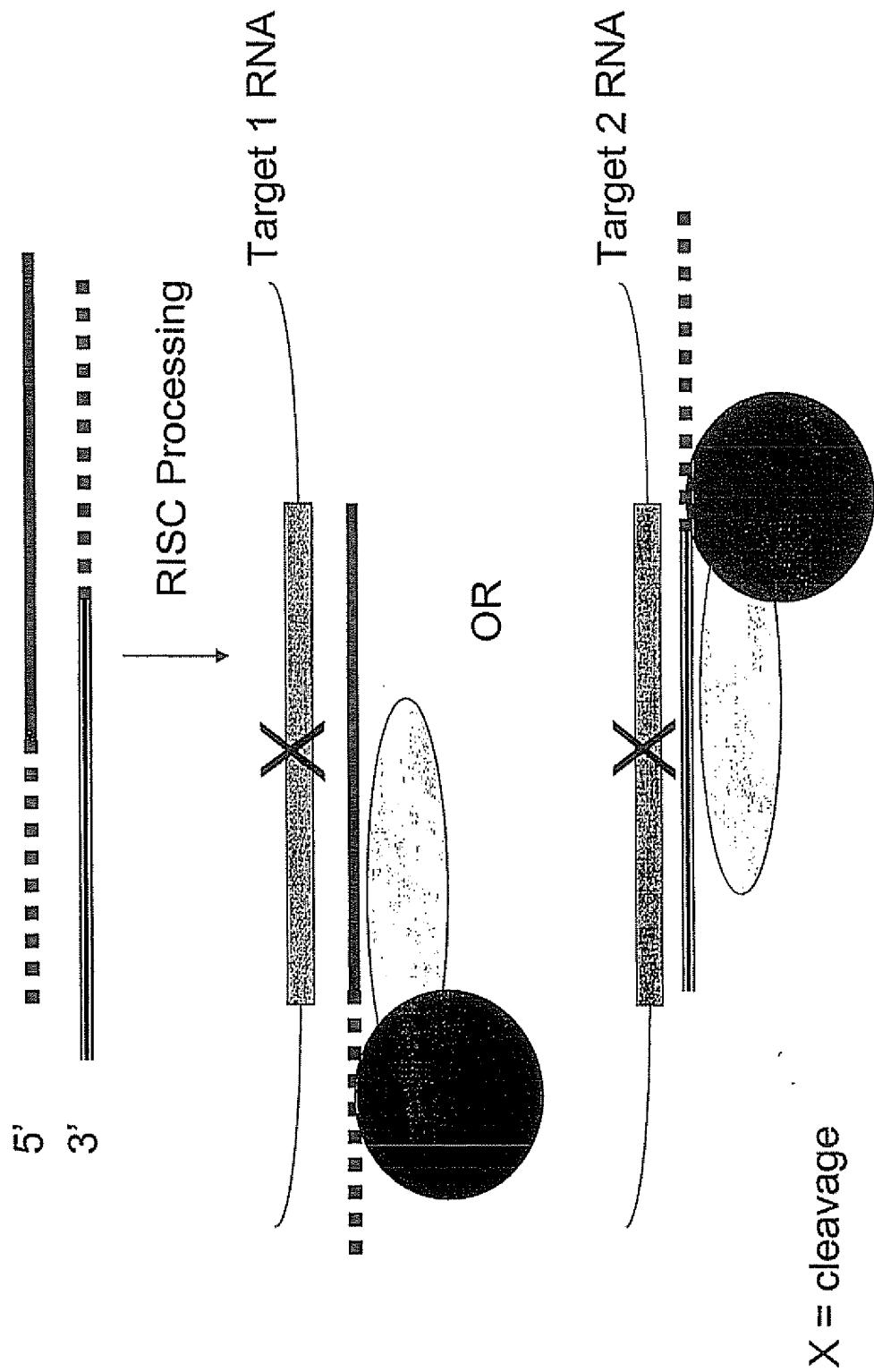


Figure 6: Example of multifunctional siNA targeting two regions within the same target nucleic acid sequence

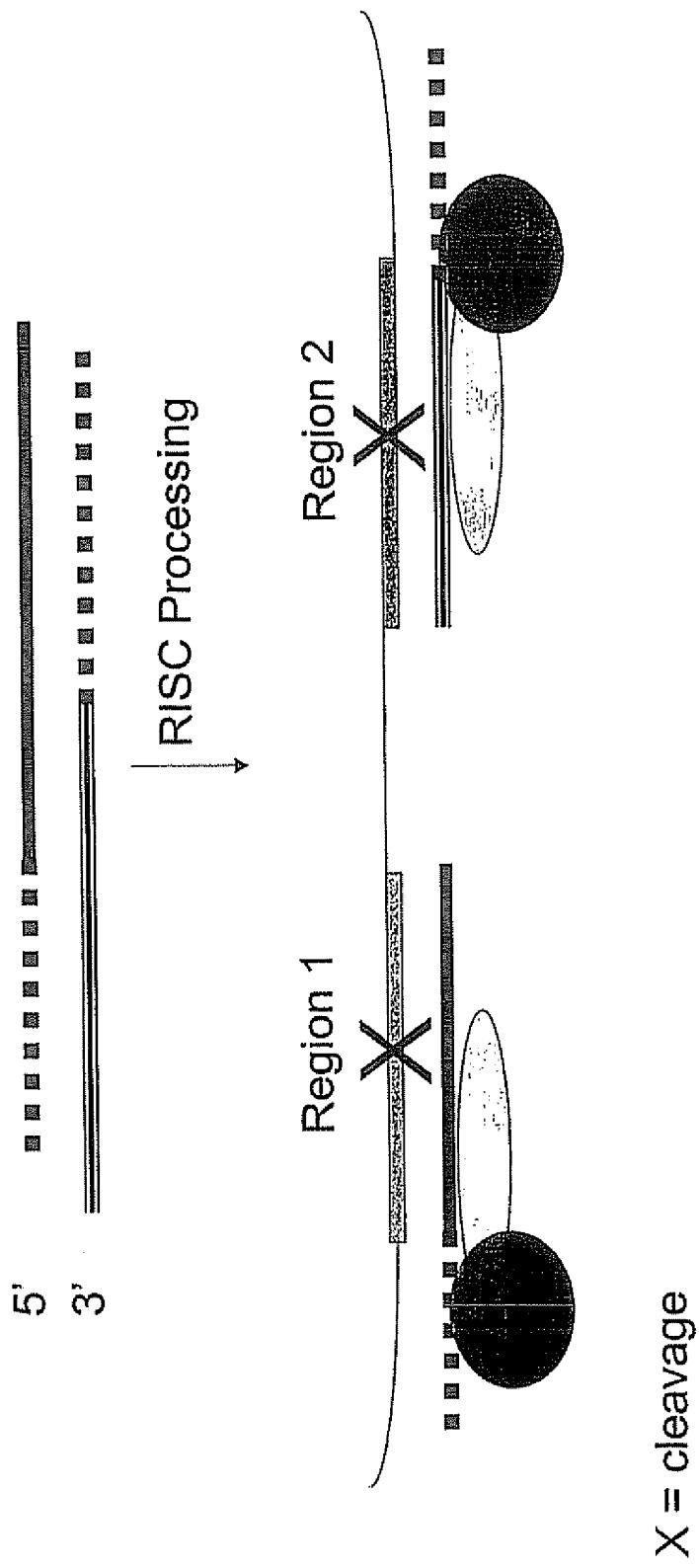


Figure 7: Examples of artificial complementary/palindromic sites generated using Modified nucleotides

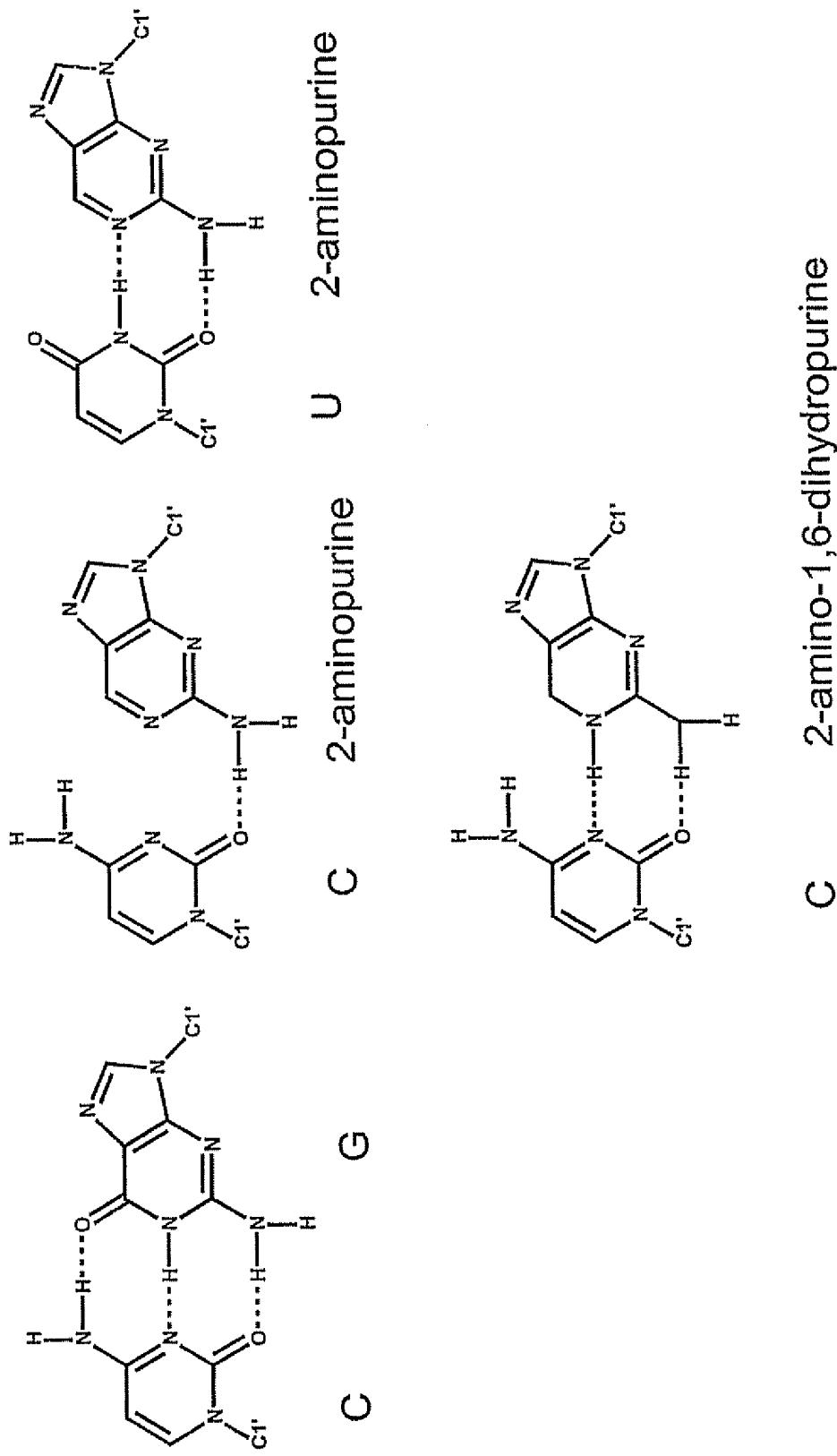


Figure 8: Example of Proposed Mechanism of RNAi

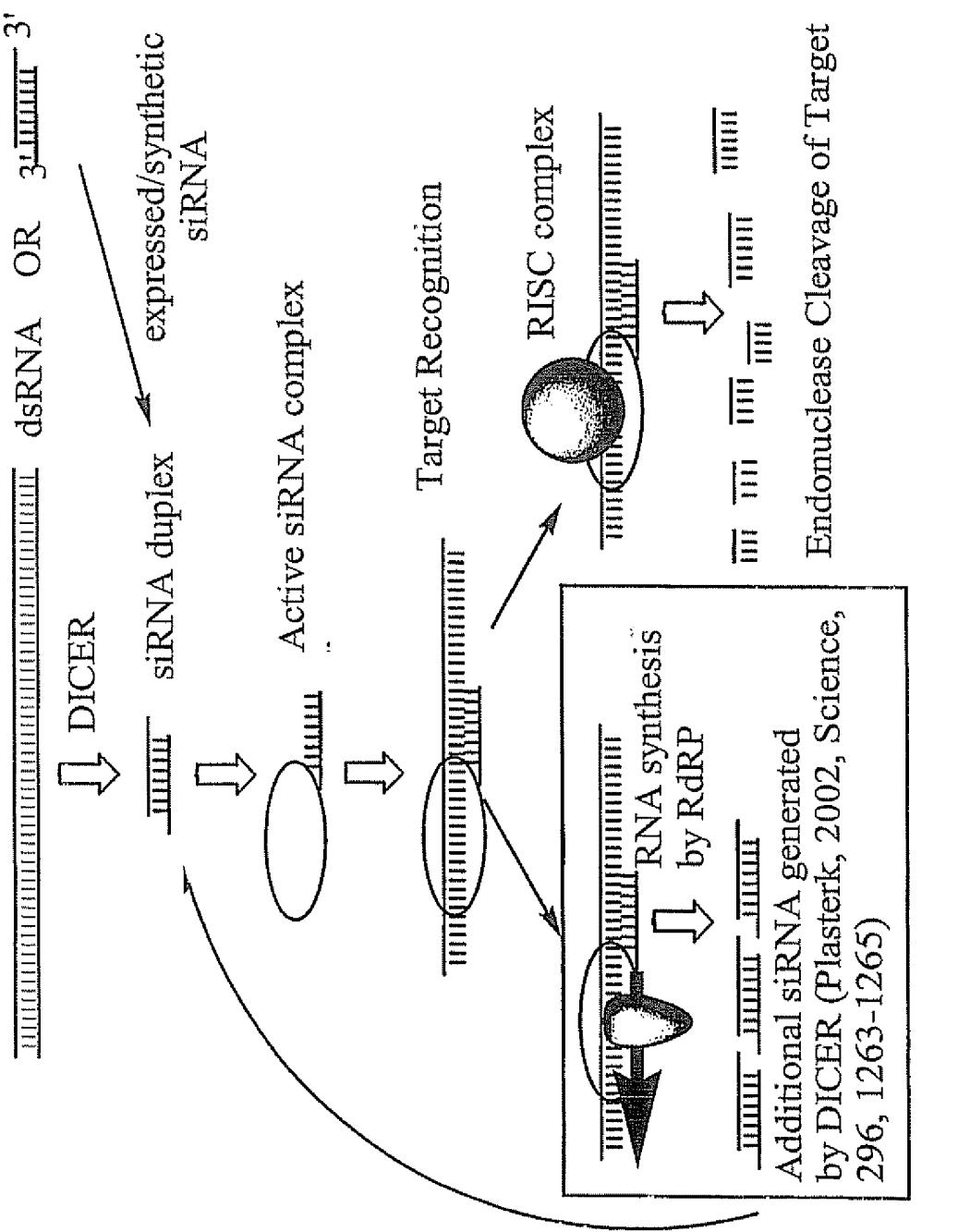
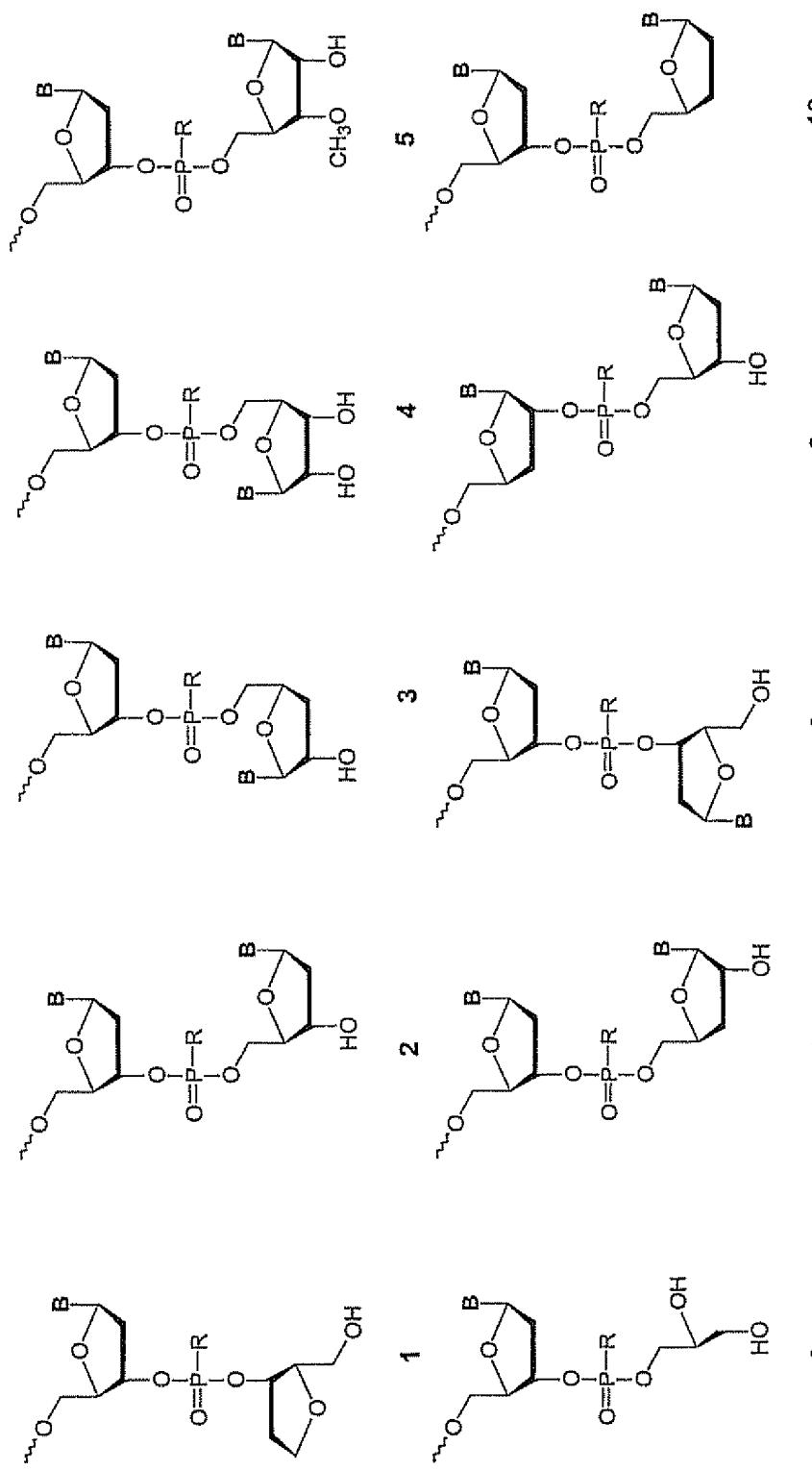


Figure 9

$R = O, S, N$, alkyl, substituted alkyl, O -alkyl, S -alkyl, alkaryl, or aralkyl
 $B =$ Independently any nucleotide base, either naturally occurring or chemically modified, or optionally H (abasic).

Figure 10: 5'-phosphate modifications

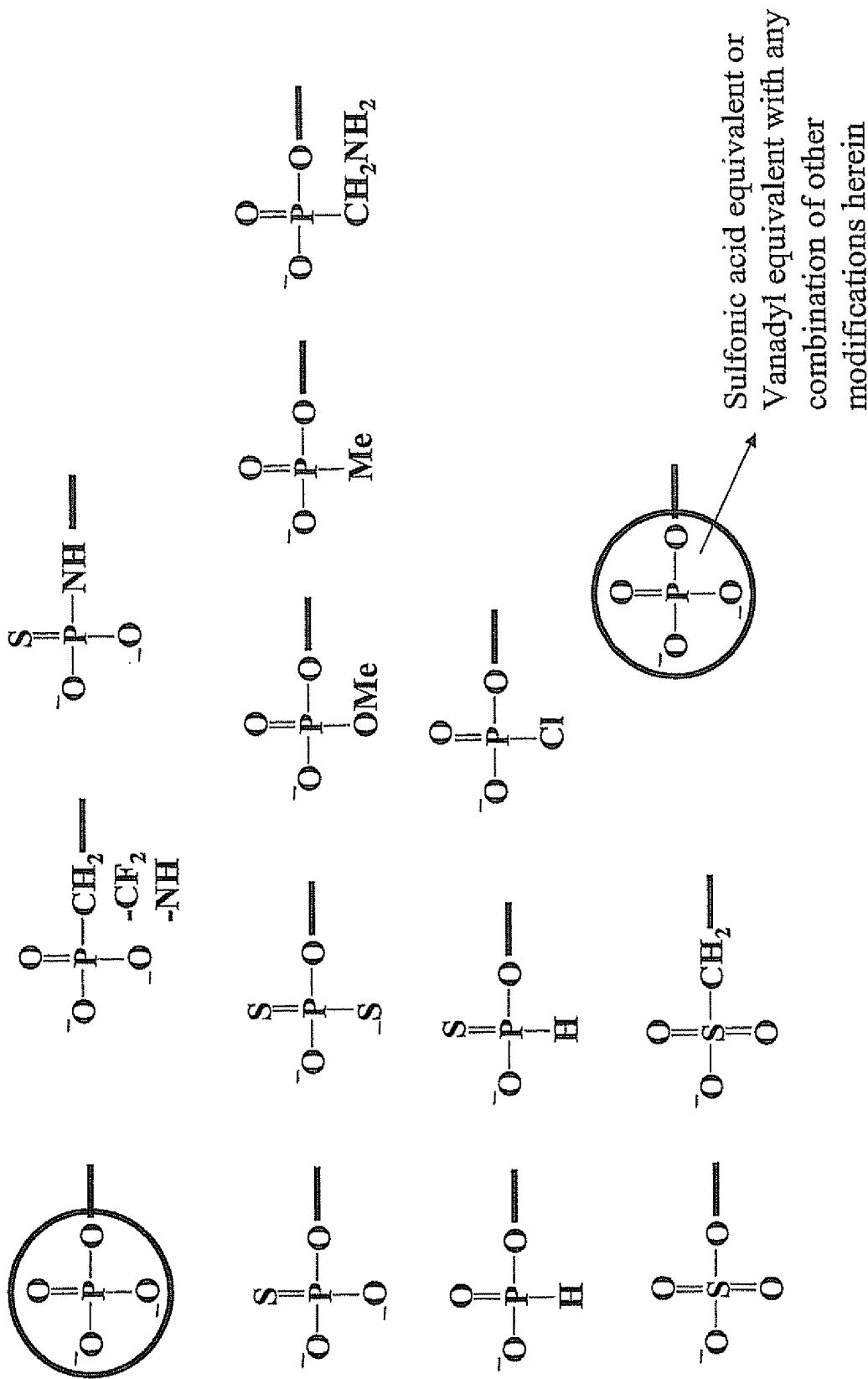


Figure 11

